

## ABSTRACT OF THE DISCLOSURE

In a method of managing traffic, routing tables and Use columns are collected from routers included in a network and stored router by router. A calculation table is produced for calculating the number of packets sent. It is determined whether or not a subject router has relayed information, on the basis of the next router listed on the calculation table. If the answer of this decision is positive, a value produced by subtracting the number of packets relayed is used as the number of packets sent between the subject router and the destination network segment. The resultant number of packets is recorded in a router-to-network traffic distribution matrix. All destination network segments belonging to each router are searched for. The data stored in the rows corresponding to the destination network segments are added to each other to thereby produce a router-to-router traffic distribution matrix.